501.40397X00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): M. NISHIOKA, et al

Serial No.: 09/890,286

Filed: July 27, 2001

For: PUBLIC-KEY ENCRYPTION AND KEY-SHARING METHODS

Group: Not yet assigned

Examiner: Not yet assigned



**INFORMATION DISCLOSURE STATEMENT**
**UNDER 37 CFR §1.97 & 1.98**

Assistant Commissioner
for Patents
Washington, D.C. 20231

August 20, 2001

Sir:

In the matter of the above-identified application, applicants are submitting herewith copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted within three months of the filing date.

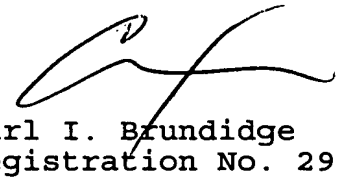
Each of the documents listed on the attached form equivalent to Form PTO-1449 is in the English language.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135

(501.40397X00) please credit any excess fees to such deposit account.

Respectfully submitted,



Carl I. Brundidge
Registration No. 29,621
ANTONELLI, TERRY, STOUT & KRAUS, LLP

CIB/jdc
(703) 312-6600

SHEET 1 OF 1

| FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office | ATTY. DOCKET NO. | SERIAL NO. |
|---|---|---|
| **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (Use several sheets if necessary) | **501.40397X00** | **09/890,286** |
| | APPLICANT **M. NISHIOKA, et al** | |
| | FILING DATE **July 27, 2001** | GROUP **Not yet assigned** |

## U.S. PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|
| | | | | | | |

| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | ABSTRACT YES | ABSTRACT NO |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

| | |
|---|---|
| | **V. Miller, "Use of Elliptic Curves in Cryptography", *Exploratory Computer Science, IBM Research,* 1998, Springer-Verlag, pp. 417-426.** |
| | **R. Cramer, "A Practical Public Key Cryptosystem Provably Secure Against Adaptive Chosen Ciphertext Attack", *Institute for Theoretical Computer Science,* ETH Zurich, 5/1998, pp. 1-18.** |
| | **M. Bellare, et al "Optimal Asymmetric Encryption", Advance Networking Laboratory, IBM, 1998 pp. 92-111.** |
| | **M. Bellare, et al "Relations Among Notions of Security for Public-key Encryption Schemes", 2/1999, Advances in Cryptology, Crypto 98, Proceedings, Lecture Notes in Computer Science vol 1462, pp. 1-30.** |
| | **M. Blum, "An Efficient Probabilistic Public-key Encryption Scheme which Hides All Partial Information", Computer Science Department, 1998, pp. 289-299.** |
| | **DATE CONSIDERED** |

**(Form PTO-1449 [6-4])**